

SECTION 853 DELINEATORS

853.01. DESCRIPTION.

This work shall consist of furnishing and installing delineators in accordance with these Specifications and in reasonably close conformity with the lines, dimensions, and grades shown on the Plans or established by the Engineer.

853.02. MATERIALS.

Materials shall meet the requirements of Section 710.

853.04. CONSTRUCTION METHODS.

Install posts so that the delineator units will be at the elevations specified on the Plans or established by the Engineer, and make them reasonably true to line and grade and plumb.

The posts may be either driven or set. If driven either by hand or mechanical devices, they shall be plumb and firm in the ground, spaced as specified, and driven to the required lines and grades. Use a suitable driving cap when posts are driven.

After they have been driven, the top of the posts shall have substantially the same cross sectional dimensions as the body of the post.

NOTE: Battered heads will not be permitted. Posts bent or otherwise damaged to the extent that they are unfit for use in the finished work shall be removed from the site and replaced by the Contractor at his own expense.

When posts are set, dig the post holes to the correct depth, and space them as shown on the Plans. Backfill post holes with approved material placed in layers not more than 6 inches (150 mm) in depth; thoroughly compact each layer, taking care to preserve the alignment of the posts.

All bolts and fasteners shall be of the type, length, diameter, and material as called for on the Plans, or approved equal.

At bridges, fasten the delineators to the bridge handrail posts or parapet wall using brackets and fasteners for the various types as shown on the Plans or approved equal.

853.05. METHOD OF MEASUREMENT.

Delineators will be measured by each delineator assembly, including post mounting brackets and hardware as specified in the plans. Each type of delineator will be measured separately.

Delineators shall be divided into types and coded for measurement and payment as follows:

Type 1 - Monodirectional

Code 1 - One single reflector

Code 2 - Two reflectors placed vertically

Code 3 - Three reflectors placed vertically

Type 2 - Bidirectional

Code 1 - Two single reflectors mounted back to back

Code 2 - Four reflectors with two on each side of the post mounted back to back and placed vertically

Code 3 - Six reflectors with three on each side of the post mounted back to back and placed vertically

The color of the reflectors will be as specified on the Plans or as established by the Engineer.

853.06. BASIS OF PAYMENT.

Accepted delineators, measured as provided above, will be paid for at the contract unit price as follows:

DELINEATORS EACH

Such payment shall be full compensation for furnishing all materials, equipment, labor, and incidentals to complete the work as specified.

SECTION 854 TRAFFIC STRIPE (PAINT)

854.01. DESCRIPTION.

This work shall consist of furnishing materials and placing a white or yellow paint stripe with glass beads applied by the drop-on method in accordance with these Specifications and in reasonably close conformity with the locations and dimensions shown on the Plans or established by the Engineer.

854.02. MATERIALS.

Materials shall meet the requirements of Section 711.05, 711.06, 711.07, 711.08, 711.09 or 711.10.

854.03. EQUIPMENT.

The paint machine shall be capable of applying an even clean-cut line without excessive drifting of paint. The cutoff mechanism on the paint machine shall be capable of making a clean cut end section without dripping or stringing fine lines of paint.

The bead dispenser shall be equipped with an automatic cutoff control synchronized with the cutoff of the striping material.

854.04. CONSTRUCTION METHODS.

In order to insure maximum adhesion, clean all dirt, glaze, grease, road film, and all other foreign materials from the pavement area to be striped.

Apply the material to the pavement at a wet film thickness of approximately 15 mils (0.381 mm).

Distribute the beads evenly over the wet paint at a reasonably accurate rate of 6 pounds per gallon (719 kg per cubic meter) of paint, unless a different rate is specified by the Engineer. Use an automatic